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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,777,046

APPLICATION NO.: 09/431,931

ISSUE DATE : August 17, 2004

INVENTOR(S) : Paul David Tatarka, Paul Nick Georgelos, Scott Allan Idlas

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Abstract, line 7, "a α-olefin" should read --one α-olefin--.
Column 3, line 28, "seats" should read --seals--.
Column 6, line 3, "burn" should read --burn--.
Column 11, line 8, "dg. min." should read --dg/min.--.
Column 16, line 44, "a-olefin" should read --α-olefin--; line 51, "50% a ethylene" should read --50% ethylene--.
Column 17, line 15, "bubble to process" should read --bubble process--; line 24, "tnansverse" should read --transverse--; line 36, "rmil" should read --mil--.
Column 18, line 3, "Alternatively" should read --Alternatively--.
Column 19, line 6, "7" should read --7"--; line 45, "minimumn" should read --minimum--.
Column 20, line 37, "it The" should read --The--; line 41, "95 ± C" should read --95 ± 1° C--.
Column 22, line 42, "(Pahike)" should read --(Pahlke)--.
Column 26, line 43, "coextusion" should read --coextrusion--.
Column 27, line 42, "It respect" should read --respect--.
Column 31, line 49, "at-olefin" should read --α-olefin--; line 58, "a-olefin" should read -- α-olefin--.
Table 4, Ex. No. 17, SHRINK at 80° C. % MD/TD, "23/34" should read --24/34--.
Table 5 data is not displayed in proper columns. Please see attached Table 5 for correct arrangement.
Column 36, line 48, "sure" should read --surface--.
Table 7, Ex # 37, Second Layer, "30% D + 50% A 20% C" should read --30% D + 50% A + 20% C--; Ex # 39, Second Layer, "30% B + 25% C + 55% G" should read --20% B + 25% C + 55% G--; Ex. # 41, Second Layer, "20% A + 20% B + 30% D + 20% C" should read --30% A + 20% B + 30% D + 20%C--; Ex. # 43, Fifth Layer, "98% A + 2% E" should read --98% F + 2% E--.
Table 9, Example # 73, Layer Composition, "46% I + 40% A + 20% C" should read --40% I + 40% A + 20% C--.
Column 40, line 27, "vinylidehe" should read --vinylidene--; line 62, "fil" should read --full--.
Column 41, line 24, "fir" should read --films.--.
Column 43, line 60, "arm" should read --are--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Cedric M. Richeson
Bemis Company, Inc., Patent and Trademark Department
2200 Badger Avenue, Oshkosh, WI 54904

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Column 46, line 19, "shrinkable" should read --shrinkage--; line 61, "replaced LD" should read --replaced with LD--.
Column 48, line 37, "340-370F." should read --340-370°F.--; line 38, "(171-188C.)" should read --(171-188°C.)--.
Column 49, line 12, "io" should read --to--.

Due to the number of office errors and the fact that errors occurred in 4 tables, patentee requests that the Director issue a corrected patent in lieu of a certificate of correction.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Cedric M. Richeson
Bemis Company, Inc., Patent and Trademark Department
2200 Badger Avenue, Oshkosh, WI 54904

TABLE 5

Ex. No.	IMPULSE SEAL RANGE min./max. volt	IRRADIATION Mrad	ELONGATION AT BREAK at RT % MD/TD	1% SECANT MODULUS MPa MD/TD	SHRINK FORCE AT 90°C g/mil (g/μ) MD/TD	SHRINK FORCE AT RT g/mil (g/μ) MD/TD
17	31-46	3.75	213/240	177/163	133/127 (5.2/5.0)	64/93 (2.5/3.7)
18	27-48	3.75	155/270	201/180	127/101 (5.0/4.0)	21/39 (0.8/1.5)
19	27-45	4.25	ND	ND	142/120 (5.6/4.7)	29/29 (1.1/1.1)
20	28-42	3.75	185/257	187/200	135/116 (5.3/4.6)	19/30 (0.7/1.2)
21	27-40	3.75	204/274	182/171	128/114 (5.0/4.5)	25/37 (1.0/1.5)
22	27-38	3.75	178/262	181/221	151/138 (5.9/5.4)	38/38 (1.5/1.5)
23	28-50+	4.25	ND	ND	148/132 (5.8/5.2)	28/36 (1.1/1.4)
24	ND	0	ND	ND	ND	ND
25	19-22	3.95	156/276	192/201	ND	ND

RT= Room Temperature (~20-23°C) ND=Not Determined